



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

WAKAHARA et al

Atty. Ref.: 2018-852

Serial No. 10/790,779

Group: 2855

Filed: March 3, 2004

Examiner: McCall, Eric

For: THERMOSTAT MALFUNCTION DETECTING SYSTEM FOR ENGINE  
COOLING SYSTEM

\* \* \* \* \*

November 10, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

**INFORMATION DISCLOSURE STATEMENT**

Attached are Forms PTO-1449 listing the enclosed documents.

The listed documents are partial copies of Service Manuals disclosing DTC P0125 and/or DTC P0128 in regard to malfunction detection.

For the Examiner's information and consideration, e.g., 1997 Service Manual, Corvette, Y-platform teaches an abnormality detection code of DTC P0125 which is provided for a coolant temperature sensor (ECT). Specifically, this code is set when a coolant temperature does not reach a threshold temperature (34°C) within a predetermined period (2 minutes and 20 seconds to 5 minutes) from an engine start-up. This period is determined based on at least the start up coolant temperature and the amount of air flow.

The other Service Manuals teach similar details of abnormality/malfunction detection although directed to different cars or engines. If the Examiner would like copies of the entire respective Service Manuals, please contact the undersigned who will be happy to secure and submit such full copies. Applicant reserves the right to disqualify any or all of the listed documents as prior art with respect to the disclosed and claimed invention.

This Information Disclosure Statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

Consideration of the foregoing and enclosures plus the return of a copy of the herewith Form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited.

WAKAHARA et al  
Serial No. 10/790,779

The filing of an information disclosure statement shall not be construed as a representation that a search has been made [37 C.F.R. § 1.97(g)], an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists. Further, the filing of an information disclosure statement shall not be construed as an admission against interest in any manner [Commissioner's Notice of January 9, 1992, 1135 O.G. 12-25 at 25].

Respectfully submitted,  
**NIXON & VANDERHYE P.C.**

By:

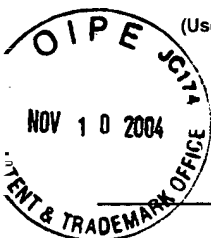


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**INFORMATION DISCLOSURE  
CITATION**

(Use several sheets if necessary)



|                       |                  |
|-----------------------|------------------|
| Atty. Docket No.      | Serial No.       |
| <b>2018-852</b>       | <b>10790,779</b> |
| Applicant             |                  |
| <b>WAKAHARA et al</b> |                  |
| Filing Date           | TC/A.U.          |
| <b>March 3, 2004</b>  | <b>2855</b>      |

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----------------|------|------|-------|----------|-------------------------------|
|                      |                 |      |      |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

| DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|----------|------|---------|-------|----------|-------------|----|
|          |      |         |       |          | YES         | NO |
|          |      |         |       |          |             |    |

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

|  |   |
|--|---|
|  | 1997 Chevrolet Malibu, Oldsmobile Cutlass Service Manual; GMP/97-LN-2; Book 2; L/N Platform; 08/1996; pp 6E-94, 6E-95   |
|  | 1998 Malibu and Cutlass Service Manual; GMP/09LN-3; L/N Platform; Volume 3; 06/1997; pp 6-562, 6-563, 6-994-995   |
|  | 1996 Cadillac DeVille/Concours/Eldorado/Seville Service Information; Book 2 Powertrain; E/K Platform; 1996; 6E-96-97  |
|  | 1996 Cadillac DeVille/Concours/Eldorado/Seville New Product Service Information; 1995; 6E-A-121-122   |
|  | 1998 DeVille and Eldorado Service Manual; Volume 3; 7/1997; 6-378-379   |
|  | 1997 DeVille/Eldorado/Seville Service Manual; GMP/97-EK-2; Book 2; 3/1997; 6-338-339  |
|  | 1996 Cadillac Fleetwood (Rear Wheel Drive) Service Information; Book 2 Powertrain; D Platform; 4/1996; 6E-A-87-89;  |
|  | 1996 Cadillac Fleetwood New Product Service Information; 1995; 6E3-A-86-88  |
|  | 1996 Chevrolet Lumina, Monte Carlo, Pontiac Grand Prix, Oldsmobile Cutlass Supreme and Buick Regal Service Manual; GMP/96-W-2P; Book 2 (Preliminary); W Platform; 06/1995; 6E3-A-84 -85 |
|  | 1996 Chevrolet Lumina, Monte Carlo, Pontiac Grand Prix, Oldsmobile Cutlass Supreme and Buick Regal Service Manual; GMP/96-W-2; Book 2; W Platform; 4/1996; 6E-A-872-874                 |
|  | 1997 Pontiac Grand Prix Service Manual; Book 2; W Platform; 9/1996; 6E-95-96; 6E-521-522  |
|  | 1997 Buick Century and Regal Service Manual; Book 3; W Platform; 1/1997; 6E-100-101; 6E-570-571   |
|  | 1998 Pontiac Grand Prix Service Manual; GMP/98-WP-3; Volume 3; W Platform; 5/1997; 6-696-697; 6-1276-1277   |
|  | 1996 Chevrolet Corsica/Beretta Service Manual; GMP/96-L-2P; Book 2 (Preliminary); L Platform; 6/1995; 6E3-A-76-77; 6E3-A-85   |
|  | 1996 Chevrolet Corsica/Beretta Service Manual; GMP/96-L-2; Book 2; L Platform; 2/1996; 6E-432-433   |
|  | 1996 Chevrolet Lumina, Pontiac Trans Sport, Oldsmobile Silhouette Service Manual; GMP/96-U-2P; Book 2 (Preliminary); U-Van Platform; 9/1995; 6E3-A-93-94                                |
|  | 1996 Chevrolet Lumina, Pontiac Trans Sport, Oldsmobile Silhouette Service Manual; GMP/96-U-2; Book 2; U-Van Platform; 3/1996; 6E-96-97  |
|  | 1997 Chevrolet Venture, Pontiac Trans Sport, and Oldsmobile Silhouette Service Manual; GMP/97-U-2; Book 2; U-Platform; 10/1996; 6E-99-100   |
|  | 1998 Chevrolet Venture, Pontiac Trans Sport and Oldsmobile Silhouette Service Manual; GMP/98-U-3; Volume 3; U-Platform; 6/1997; 6-456-457   |
|  | 1997 Pontiac Grand Am, Oldsmobile Achieva and Buick Skylark Service Manual; GMP/97-N-2; Book 2; N-Platform; 05/1996; 6E-93-94; 6E-486-487   |
|  | 1998 Grand Am, Achieva and Skylark Service Manual; GMP/98-N-3; Volume 3; N Platform; 05/1997; 6-565-566; 6-974  |
|  | 1996 Park Avenue, LeSabre, Ninety-Eight, Eighty-Eight and Bonneville Service Manual; GMP/96-CH-2P; Book 2 (Preliminary); C/H Platform; 06/1995; 6E3-A-112-113                           |
|  | 1996 Park Avenue, LeSabre, Ninety-Eight, Eighty-Eight and Bonneville Service Manual; GMP/96-CH-2; Book 2; C/H Platform; 03/1996; 6E-114-115   |
|  | 1997 LeSabre, Eighty-Eight and Bonneville Service Manual; GMP/97-H-2; Book 2; H Platform; 5/1996; 6E-118-119  |

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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Applicant

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**2855**

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|  | 1998 LeSabre, Eighty-Eight and Bonneville Service Manual; GMP/98-H-3; Volume 3; H Platform; 5/1997; 6-409-410  |
|  | 1996 Chevrolet Cavalier and Pontiac Sunfire Service Manual; GMP/96-J-2P; Book 2 (Preliminary); J Platform; 5/1995; 6E3-A-78-79; 6E3-A-85-87  |
|  | 1996 Chevrolet Cavalier and Pontiac Sunfire Service Manual; GMP/96-J-2; Book 2; J Platform; 2/1996; 6E-92-93; 6E-476-477   |
|  | 1997 Chevrolet Cavalier and Pontiac Sunfire Service Manual; GMP/97-J-2; Book 2; J Platform; 5/1996; 6E-95-96; 6E-502-503   |
|  | 1995 Chevrolet Camaro and Pontiac Firebird Service Manual Supplement; GMP/95-F-UPD; F Platform; 12/1994; 6E3-A-97; 6E3-A-100   |
|  | 1996 Chevrolet Camaro and Pontiac Firebird Service Manual; GMP/96-F-2P; Book 2 (Preliminary); F Platform; 6/1995; 6E3-A-96-97; 6E3-A-90-91   |
|  | 1996 Chevrolet Camaro and Pontiac Firebird Service Manual; GMP/96-F-2; Book 2; F Platform; 3/1996; 6E-103; 6E-547-548  |
|  | 1997 Chevrolet Camaro and Pontiac Firebird Service Manual; GMP/97-F-2; Book 2; F Platform; 5/1996; 6E-102-103; 6E-566-567  |
|  | 1998 Chevrolet Camaro and Pontiac Firebird Service Manual; GMP/98-F-3; Volume 3; F Platform; 6/1997; 6-706-707; 6-1280-1281  |
|  | 1996 Chevrolet Corvette Service Manual; Book 2; Y Platform; 1/1996; 6-366-367  |
|  | 1997 Corvette Service Manual; GMP/97-Y-3; Book 3; Y Platform; 3/1997; 6-483-484  |
|  | 1998 Corvette Preliminary Service Manual; Volume 3; Y Platform; 4/1997; 6-480-481  |
|  | 2000 Service Manual – Pontiac; GMP/00-HP-1; H Platform; Volume 1; 6-418; 6-213   |
|  | 2000 Service Manual – Buick Le Sabre; 6-357; 6-174   |
|  | 2000 Service Manual - Chevrolet Cavalier and Pontiac Sunfire; GMP/00-J-1; J-Platform; Volume 1; 6-571; 6-379-380   |
|  | 2000 Service Manual – Pontiac Grand Am and Oldsmobile Alero; M-Platform; 6-594; 6-426-427  |
|  | 2001 Service Manual - Chevrolet Cavalier and Pontiac Sunfire; GMP/01-J-1; J-Platform; Volume 1; 6-575; 6-415   |
|  | 2001 Service Manual – Chevrolet Venture, Pontiac Montana and Oldsmobile Silhouette; GMP/01-U-1; U-Platform; Volume 1; 6-420; 6-250   |
|  | 2001 Service Manual - Chevrolet Silverado, Suburban, Tahoe and GMC Sierra, Yukon, Yukon XL, Denali, Denali XL; CK8 Truck; GMP/01-CK8-2; Volume 2; 6-2863; 6-1437                                   |
|  | 2001 Service Manual - Chevrolet Impala, Monte Carlo; GMP/01-WCI-2; W-Platform; Volume 2; 6-1127; 6-517   |
|  | 2001 Service Manual - Chevrolet Malibu; L/N-Platform; 6-355; 6-219   |
|  | 2002 Service Manual - Buick Le Sabre; 6-429; 6-263   |
|  | 2003 Service Manual - Cadillac CTS; GMP/03-D-1; Volume 1; 6-579; 6-336   |
|  | 2003 Service Manual - Cadillac Seville; GMP/03-K-1; 6-719; 6-508   |
|  | 2003 Service Manual - Chevrolet Impala, Monte Carlo; GMP/03-WCI-2; Volume 2; 6-1113; 6-467   |
|  | 2003 Service Manual - Chevrolet Tahoe, Suburban, Avalanche, GMC Yukon/Yukon XL, Yukon Denali/Yukon XL Denali, Cadillac Escalade/Escalade ESV, Escalade EXT; GMT/03-CKUV-2; Volume 2; 6-1412; 6-619 |
|  | 2004 Service Manual - Chevrolet Tahoe, Suburban, Avalanche, GMC Yukon/Yukon XL, Yukon Denali/Yukon XL Denali, Cadillac Escalade/Escalade ESV, Escalade EXT; CK8 Truck; 6-897; 6-1464; 6-621        |
|  | 2004 Service Manual - Buick Rainier, Chevrolet TrailBlazer, GMC Envoy; GMT/04-STNS-2; ST Truck; Volume 2; 6-826; 6-1243; 6-622   |

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